December 2005 Update

Wasatch Chemical Company (Lot 6) Superfund Site
Salt Lake City, Utah
(5-Year Review Date 9/25/02)

Highlights Since the 2002 5-Year Review

- **Pump and Treat discontinued**
- **Natural Attenuation Work Plan approved**
- **Questar implements plan to reduce chlorinated hydrocarbons**

Brief Site History: The Wasatch Chemical Company is an 18-acre site located at 1987 South 700 West in Salt Lake City. In the process of making pesticides, herbicides and various chemical products, the company contaminated source areas, soils and ground water. The main contaminants of concern are herbicides, pesticides, dioxins, semi-volatile and volatile organic compounds (VOCs [carbon-based substances that evaporate easily]). Also, the onsite ground water is contaminated with hydrocarbons, particularly xylene and toluene. These contaminants have the potential to cause liver and kidney damage and have been shown to cause cancer in mice. Dioxin compounds can have harmful effects on human reproductive and immune systems. The site was added to EPA's Superfund National Priorities List in 1991.

Cleanup Activities Completed: The potentially responsible party (Entrada Industries) completed the following activities in 1995 and 1996:

- Land farming of 1100 cubic yards of hydrocarbon-contaminated soil to break down the organic materials, thus removing the contamination (biodegradation).
- In-situ vitrification of 5600 cubic yards of soil contaminated with other chemicals. The process melted the soil into vitrified (glass like) material free of organic content.
- Installation of a groundwater extraction and treatment system.

Current Status: This is the second five-year review for the Wasatch Chemical Company. The first review was completed in October 1997. Pump & Treat was discontinued in January 2003 due to drought, low water conditions. EPA approved a Monitored Natural Attenuation Work Plan in November 2002. Questar has also implemented the use of Hydrogen Reducing Compound to enhance natural attenuation of chlorinated hydrocarbons. The remedy has been considered operational and functional since 1994. Current concentrations of contaminants in shallow groundwater have been decreasing with time.

Summary of Protectiveness: The remedy as designed, constructed, implemented and operated is protective of human health and the environment. Based on historic data from Site monitoring locations, there has been an overall reduction of 50% in the

concentrations of the indicator chemicals since March 1995. The collection and treatment of contaminated groundwater has been successfully controlled and operated to thwart offsite migration.

Issues Impacting Protectiveness: A few issues that do not immediately impact the protectiveness of the remedy were noted. The following table summarizes the status of the follow-up actions addressing these issues.

Five-Year Review Update Table
(Review Date: 9/25/02)

Issues	Recommendations Follow-up Actions	Follow-up Actions (Status/Due Date)	Status of Follow-up Actions 12/05	Responsible Party
1) Temporary modification of groundwater extraction system due to drought and low-water conditions.	- Notify EPA of future changes to groundwater conditions and/or return to normal pumping scheme.	EPA approved suspension of pump & treat operations 1/9/03	EPA approved suspension of pump & treat operations 1/9/03	Interstate Land Corporation (ILC)
2) Proposal by PRP to discontinue groundwater collection and treatment.	- EPA and UDEQ to review long-term monitoring approach as to ongoing protectiveness if groundwater collection and treatment is discontinued.	EPA approved monitored National Attenuation Work Plan (11/14/02) and suspension of pump & treat operations 1/9/03	EPA approved monitored National Attenuation Work Plan (11/14/02) and suspension of pump & treat operations 1/9/03	EPA/Utah Department of Environmental Quality (UDEQ)
3) Increase in TCE concentrations in upgradient well EX-08	- Continued monitoring of trends in TCE levels. Notification to EPA and UDEQ in quarterly progress reports - Track changes in TCE concentrations in well EX-08	Reporting requirements have been modified to semi-annual basis TCE concentrations continue to be monitored and reported	Reporting requirements have been modified to semi-annual basis TCE concentrations continue to be monitored and reported	ILC EPA